

OIL ANALYSIS REPORT

VOLVO PENTA

GORDON DEVENS 3899 VOLVO PENTA 3950005078 - PORT IPS

Sample No: VPA054859

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054859	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	600	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: MICHAEL JORDAN

mdjordan@wbdiesel.com

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 103	---	---	---
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CONTAMINATION

Water	%	▲ 0.344	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 28	---	---	---
Iron	ppm	▲ 723	---	---	---
Copper	ppm	■ 32	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 38	---	---	---
Magnesium	ppm	56	---	---	---
Zinc	ppm	■ 230	---	---	---
Phosphorus	ppm	■ 1391	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 208	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP1165983

Unique No: 11006739

Signed: Jonathan Hester

Report Date: 05 May 2024

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GRAPHS

